

## **ABSTRACT**

5 A system for processing biosolids from a sludge pond into fertilizer comprising: a  
portable dewatering system for removing liquid from sludge, the portable dewatering  
system having: a collection device for collecting sludge from the sludge pond; a  
centrifuge for removing liquids from the sludge collected by the collection device to  
create a biosolids composition; and a transfer device to transfer the biosolids  
10 composition from the centrifuge; a transport vehicle for receiving the biosolids  
composition from the transport device, the transport vehicle transporting the  
biosolids from the sludge pond to a fixed processing plant; and the fixed processing  
plant having: a mixer for mixing a stabilizing agent with the biosolids composition to  
create mixed biosolids; a heating and sterilising system to heat and sterilize the  
15 mixed biosolids and for extruding sterilized pellets; and a drying system for drying  
the pellets, wherein the pellets can be used as fertilizer.